

U. S. Department of Labor

Employment and Training Administration
Office of Apprenticeship
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January 10, 2008.

Don Davis
LA County Electrical JATC & Training Fund
6023 South Garfield Road
City of Industry, CA 90040

Dear Mr. Davis:

Per my email, this letter serves as an official response that your additional occupations of Electrical, Residential Wireman; Street Light Servicer; and Telecommunications Technician have been approved. The data has been entered into RAPIDS and you may begin indenturing apprentices.

Thank you for your interest in apprenticeship and please feel free to contact our office should you need any further assistance.

Sincerely,

Michael W. Longeuay
Regional Director

Appendix C

OCCUPATION SCHEDULE FOR: ELECTRICIAN, RESIDENTIAL WIREMAN

DOT CODE: DOT 824.261.01A

O*NET/SOC CODE: 47-2111.00

RAIS CODE: 1022

1 TERM OF APPRENTICESHIP

The term of apprenticeship shall be 4,800 hours consisting of six (6) periods within approximately 36 months. The first 1,600 hours extending over not more than 12 months, shall be trial or probationary period.

2 RATIO OF APPRENTICES TO JOURNEYWORKERS

Each employer shall be allowed a ration of one (1) apprentice to one (1) journeyman residential wireman.

3 APPRENTICE WAGE SCHEDULE – Effective date: November 28, 2005

1 st	Period (50%)	\$ 10.10
2 nd	Period (55%)	\$ 11.11
3 rd	Period (60%)	\$ 12.12
4 th	Period (70%)	\$ 14.14
5 th	Period (80%)	\$ 16.16
6 th	Period (90%)	\$ 18.18
	Residential Journeyman	\$ 20.20

a. Straight time: 8 hours per day, 40 hours per week

b. Overtime provision:

Time worked in excess of eight (8) hours per day and on Saturday will be paid at time and one-half; except any work on Sunday and the holidays listed below shall be paid at double the straight time rate of pay.

New Year's Day	Veterans Day (November 11)
Memorial Day (Last Monday in May)	Thanksgiving Day
Fourth of July	Day After Thanksgiving
Labor Day	Christmas Day

Martin Luther King, Jr. Day (third Monday in January), and Cesar Chavez Day (March 31 or the closest Monday or Friday to each March 31) will normally be

non-scheduled work days. If, however, it is necessary, due to job scheduling, to work on these days, the straight time rate of pay will be applicable.

c. Fringe Benefits – Effective date: November 22, 2004

	Employer Contribution		Employee Contribution	
1. Pension	\$1.25	*	-	*
2. Health	\$3.99	*	-	*
3. Training Fund	.30	*	.20	*
4. Labor/Management	.16	*	.04	*
5. NEBF	3%	*	-	*
6. NEIF (Where applicable)	1%	*	-	*

4 SCHEDULE OF WORK PROCESSES

The major work processes in which apprentices will be trained (although not necessarily in the order listed) and the approximate hours (not necessarily continuous) to be spent on each are as follows:

<u>WORK PROCESSES</u>	<u>APPROXIMATE TIME</u>
PROJECT LAYOUT AND PLANNING	
Reading and Interpreting Blueprints and Specifications Coordination Between Crafts, General Contractor And Home Owner Layout Services And Branch Circuits	500
UNDERGROUND INSTALLATIONS	
Trenching And Ditch Digging Direct Burial Installing PVC/Rigid Conduit Installing Grounding Electrode Systems	200
THINWALL CONDUIT RACEWAY SYSTEM	
Fastening and Supporting Devices Conduit Fabrication Installation of Conduit, Fittings and Boxes	200
RIGID CONDUIT RACEWAY SYSTEMS	
Fastening and Supporting Devices Conduit Fabrication Installation of Conduit, Fittings and Boxes	200
INSTALLATIONS SERVICES AND PANELS	
Mounting Devices Breaker Installation Fuse Installation Terminations and Bonding	200

INSTALLING, SPLICING & TERMINATING WIRES AND CABLES	
Installing Non-Metallic Sheath Cables	
Establishing Temporary Power	
Feeders and Branch Circuits	1200
Control Wiring	
Splices, Taps and Terminations	
LIGHTING SYSTEM INSTALLATION	
Installing Outlet Boxes and Conductors	
Installing Fixtures	400
Control Devices	
TESTING AND TROUBLESHOOTING SERVICES, MOTORS AND BRANCH CIRCUITS	
Checking Circuit Continuity	
Identifying Fault Current to Ground	
Certifying System Operation	100
Repair and Maintenance	
Ground Verification	
FIRE ALARM INSTALLATION	
Blueprint and Specification Interpretation	
Layout and Circuit Installation	
Control Panel and Device Installation	100
Programming and Testing	
CONTROL SYSTEM INSTALLATION	
Blueprint and Specification Interpretation	
Layout and Circuit Installation	150
Distributed Control	
SECURITY SYSTEM INSTALLATION	
Blueprint and Specification Interpretation	
Layout	
Box and Circuit Installation	100
Termination	
Testing	
INSTALLING COMMUNICATION AND SOUND SYSTEMS	
Blueprint and Specification Interpretation	
Layout	
Conduit and Box Installation	150
Circuit Installation	
Terminations and Testing	
INSTALLING AND TERMINATING TRANSFORMERS	
Mounting and Installation	
Primary and Secondary Terminations	100
Testing and Troubleshooting	

INSTALLING SPECIALIZED SYSTEMS

Basic Life Safety	
Custom and Low Voltage Control	800
Entertainment and Environmental	

SERVICE AND TROUBLESHOOTING

Testing, Analysis and Repair of Motors, Transformers, Electrical Devices, Electronic Devices, Magnetic Devices, Lighting and Power Circuits, Control Circuits and Devices	100
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MATERIAL HANDLING AND PRE-FABRICATION

Material/Equipment Awareness	100
Fabrication for Field Installation	

SAFETY AWARENESS & OTHER SPECIALIZED AREAS	200
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TOTAL MINIMUM HOURS OF OJT	4,800 HOURS
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The employer shall see that all apprentices are under the supervision of a qualified Installer or instructor, and shall provide the necessary diversified experience and training in order to train and develop the apprentice into a skilled worker proficient in all work processes of a Communication System Installer (trade, craft, or occupation) as outlined herein. Apprentices shall also be trained in the use of new equipment, materials and processes as they come into use in the occupation.

5 SCHEDULE OF RELATED INSTRUCTION

- A. Each apprentice shall be required to participate in non-compensable related instructions away from the job as specified below.
- B. Topics to be studied (completed) as part of the required NJATC curriculum shall include, but not be limited to:

FIRST YEAR – 160 HOURS MIN.

- Blueprint Reading
- Circuit Diagram Interpretation
- Communication Skills
- Conduit Fabrication
- Electrical Theory
- Industry Orientation
- Job Information
- Material Identification
- Mathematics
- National Electrical Code
- OSHA/Safety Awareness
- Overcurrent Protection
- Safety & Health Awareness
- Tool Identification

SECOND YEAR – 160 HOURS MIN.

- Basic Control Systems
- Basic Refrigeration & HVAC
- Basic Security Alarm Systems
- Blueprint Reading
- Branch Circuit Distribution
- Circuit Planning
- Conduit Fabrication
- Distribution Systems
- Electrical Theory
- Grounding
- Certification
- Industry Orientation
- Job Information
- Low Voltage Transmission
- Fundamentals
- Mathematics
- National Electrical Code
- Remote Control Wiring
- Transformers

THIRD YEAR – 160 HOURS MIN.

- Air Conditioning & Refrigeration
- Basic Motor Controls
- Basic Fiber Optic Principles
- Blueprint Reading
- Electrical Motor Properties
- Electrical Theory
- Electrical Components
- Entertainment Systems
- Fire Alarm Systems
- Grounding
- Industry Orientation
- Job Information
- Lightning Protection Systems
- Mathematics
- National Electrical Code
- Residential Control Systems
- Security Systems
- Solar Power Generation
- Sound Systems
- Systems Analysis, Repair & Telephony
- Video Distribution

6. ADVANCEMENT SCHEDULE

There shall be a minimum of six (6) periods of apprenticeship. The first sixteen hundred (1,600) OJT hours and satisfactory completion of the first year related classroom training shall constitute the probationary period. Successive periods will require the indicated OJT hours and successful completion of related classroom instruction.

The six (6) periods are as follow:

<u>Period</u>	<u>OJT Hours</u>	<u>Related and Supplemental Instruction</u>
1	0 - 800	1 st Semester Successful Completion
2	801 - 1600	2 nd Semester Successful Completion
3	1601 - 2400	3 rd Semester Successful Completion
4	2401 - 3200	4 th Semester Successful Completion
5	3201 - 4000	5 th Semester Successful Completion
6	4001 - 4800	6 th Semester Successful Completion Residential Wireman

APPENDIX

(Electrician, Intelligent Transportation Systems, Street Light Servicer)

Note: This EEO Pledge supersedes the EEO Pledge in the earlier-adopted Standards.

Dated: November 16, 2017

Standards EEO Pledge Addendum

The Los Angeles Electrical Joint Apprenticeship & Educational Training Committee will not discriminate against apprentices based on race, color, religion, national origin, sex (including pregnancy and gender identity), sexual orientation, genetic information, or because they are an individual with a disability or a person 40 years old or older. The Los Angeles Electrical Joint Apprenticeship & Educational Training Committee will take affirmative action to provide equal opportunity in apprenticeship and will operate the apprenticeship program as required under Title 29 of the Code of Federal Regulations, part 30.

APPENDIX

(Installer, Sound & Telecommunication Systems, Telecommunications Technician)

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